

# U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

Issue 17 January 2013

## SUSTAINABILITY NEWS

### EPA's 2013 Federal Electronics Challenge Accepting Nominations

Nominations are currently being accepted for the Environmental Protection Agency's 2013 Federal Electronics Challenge (FEC). The FEC recognizes teams and individuals from across the Federal government who demonstrate a commitment to electronic stewardship through sustainable purchasing, management, and disposal of electronic assets. Last year, DOE won one-third of all FEC awards. The deadline for nominations is January 31, 2013.



For more information, visit <http://go.usa.gov/ge7B>.

### DOE Releases Tribal Renewable Energy Guidance

DOE recently issued guidance, based on authorities under EPCA 2005, that gives preference to Indian tribes for the purchase of renewable energy products. These new policies help DOE utilize Tribal nations when DOE facilities contract to purchase renewable energy products or by-products, including electricity, fuel sources, and renewable energy certificates. This purchase preference may apply when a Tribal nation holds a majority ownership position in a renewable energy project and the cost is no more than the prevailing market rate.

The new guidance also provides additional training and educational resources to help Tribal Nations with project financing and development. Informed by the DOE-led Indian Country Energy and Infrastructure Working Group, these new educational offerings will provide the necessary information to Tribal leaders and staff to advance community-scale and commercial renewable projects.

For more information, visit <http://go.usa.gov/ge7Y>.

### FEMP Case Studies Highlight Federal Best Practices for Energy Management

FEMP recently issued three new best practice case studies focusing on energy and water conservation projects performed by the U.S. Air Force, Fish and Wildlife Service, and Marine Corps. The case studies focus on fuel efficiency, net-zero buildings, and total facility energy and water utilization. The projects highlighted in these case studies each earned their agency a 2011 Federal Energy and Water Management Award.

To view the case studies, visit <http://go.usa.gov/gtC3>.

If you would like to share your site's sustainability news, best practices, and success stories with other DOE sites through this newsletter, please email [sustainability@hq.doe.gov](mailto:sustainability@hq.doe.gov).

## SUSTAINABILITY SUPERSTAR



*The SPO would like to recognize the members of this year's GHG Verification Team for their efforts in validating the 2012 GHG Inventory. A special thanks to Chad Bourgoin, Missy Klem, Cynthia Lin, Kim Petry, Tracy Ribeiro, Albes Gaona, as well as the site representatives who helped pull together documentation.*

***Send us your champion!***

## Thank You!



In December, each DOE site submitted their annual Site Sustainability Plan and Consolidated Energy Data Report. These documents form the foundation for DOE's sustainability reporting and are currently being used to compile DOE's 2012 GHG Inventory, Annual Energy Report, OMB Sustainability Scorecard, and related deliverables.

Tune in to next month's SPOTlight for a recap of DOE's progress and major highlights from FY 2012!



Check out CEQ's latest GreenGov Leader newsletter: <http://go.usa.gov/g8yT>

**DID YOU KNOW?** Sandia National Lab's Building 753 was a finalist in the 2012 Better Buildings Federal Award competition. Building 753 and its occupants achieved a 18.7 percent decrease in energy use compared to 2011. Argonne's Information Center Building 224 is currently competing in the 2013 challenge. For more info on the 2012 and 2013 competitions, visit <http://go.usa.gov/geGJ>.

## UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

### Events

Jan. 31: DOE Annual GHG Inventory due to OMB/CEQ/FEMP

### Courses

Jan. 10: [Extending the Useful Life of Electronics at Your Facility](#)

## ON-DEMAND TRAINING

### Certifications

[GSA LEED Certification for Federal Employees](#)

### Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

### Buildings

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

[Implementing Deep Retrofits](#)

### Water

[Water Efficiency Planning and Implementation](#)

### Data Centers

[Data Center Efficiency to ASHRAE Thermal Guidelines](#)

[Labs, Data Centers and High-Tech Facilities](#)

### Greenhouse Gas Reporting

[Federal GHG Accounting and Reporting](#)

### Sustainable Acquisition

[Energy-Efficient Product Procurement](#)

[OFFEE's Green Purchasing Training](#)

## SUCCESS STORIES

### Brookhaven Equipment Transfer Helps Paducah, SPRU Sites

Brookhaven National Lab (BNL) transferred two remote controlled demolition machines and 12 intermodal containers to Environmental Management's (EM) Paducah and Separations Process Research Unit (SPRU) cleanup sites.

"Transfers like this are useful to DOE because they help save the disposal and/or acquisition costs, or at least allow items to be reused rather than disposed," said Jessica Kocsis Pedersen, property and warehouse manager for LATA Kentucky, the Paducah site cleanup contractor.

For approximately \$62,000 in repair and shipping costs, Paducah and SPRU acquired nearly \$1 million worth of equipment, while BNL saved on storage and/or disposal costs.

For more info, see EM's monthly newsletter: <http://go.usa.gov/ge7Q> [PDF]



Remote controlled demolition machine in action

### ORNL Increases HPSB Inventory

During FY 2012, ORNL added four existing and two new construction buildings to its High Performance Sustainable Building (HPSB) portfolio, raising the site's total of HPSBs to 17. These



ORNL's Building 1520

most recent existing buildings were evaluated and optimized through a rigorous retro-commissioning process, where modern building automation aided functional analysis of systems.

In FY 2013, ORNL is planning additional advances in HPSB, including ventilation right-sizing of an energy intensive laboratory building with the potential for up to \$30,000 in annual energy savings.

For more information on these efforts, contact Bryce Hudey at [hudeybd@ornl.gov](mailto:hudeybd@ornl.gov).

### EM Contractor hosts "Zero Waste and Maximum Fun Picnic"

The CH2M Hill Plateau Remediation Company (CHPRC), a DOE contractor at the Hanford Site, hosted its annual company picnic this past summer with one slightly new twist. The picnic marked the first time CHPRC hosted a zero-waste event, a 2012 objective set in their Environmental Management System. The event planners, led by the team of Brenda Becker-Khaleel, Lynn Tegeler, Maple Lee, Michelle Calvert, Marcia Venohr, and Amanda Roberts, evaluated every waste stream and the methods that could be employed to divert those streams from landfills. The picnic diverted 95 percent of all waste generated by the 2,800 attendees from landfill. The resulting landfill waste can be best visualized by the two "wheelie" trash bin containers filled at the event. For more information on this effort, contact Brenda Becker-Khaleel at [Brenda.L.Becker-Khaleel@rl.gov](mailto:Brenda.L.Becker-Khaleel@rl.gov).

**SITE SCORECARDS POSTED TO POWERPEDIA** – DOE Site Sustainability Scorecards were added to DOE's Powerpedia site. The FY 2011 scorecards outline DOE's corporate sustainability goals and track site-level progress. To view the scorecards, visit <http://go.usa.gov/gKyx>.



U.S. DEPARTMENT OF  
**ENERGY**

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